

Fig. 1

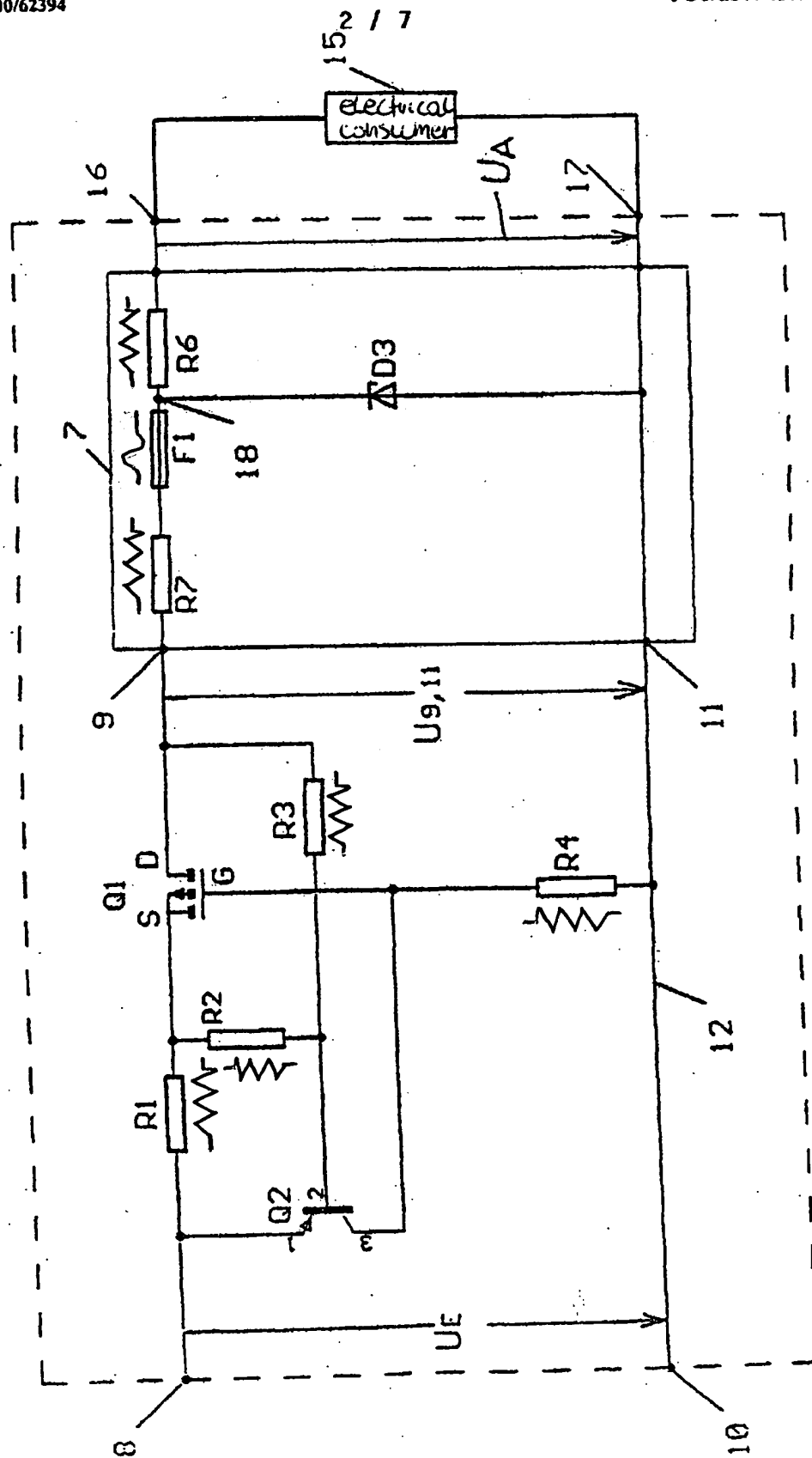


Fig. 2

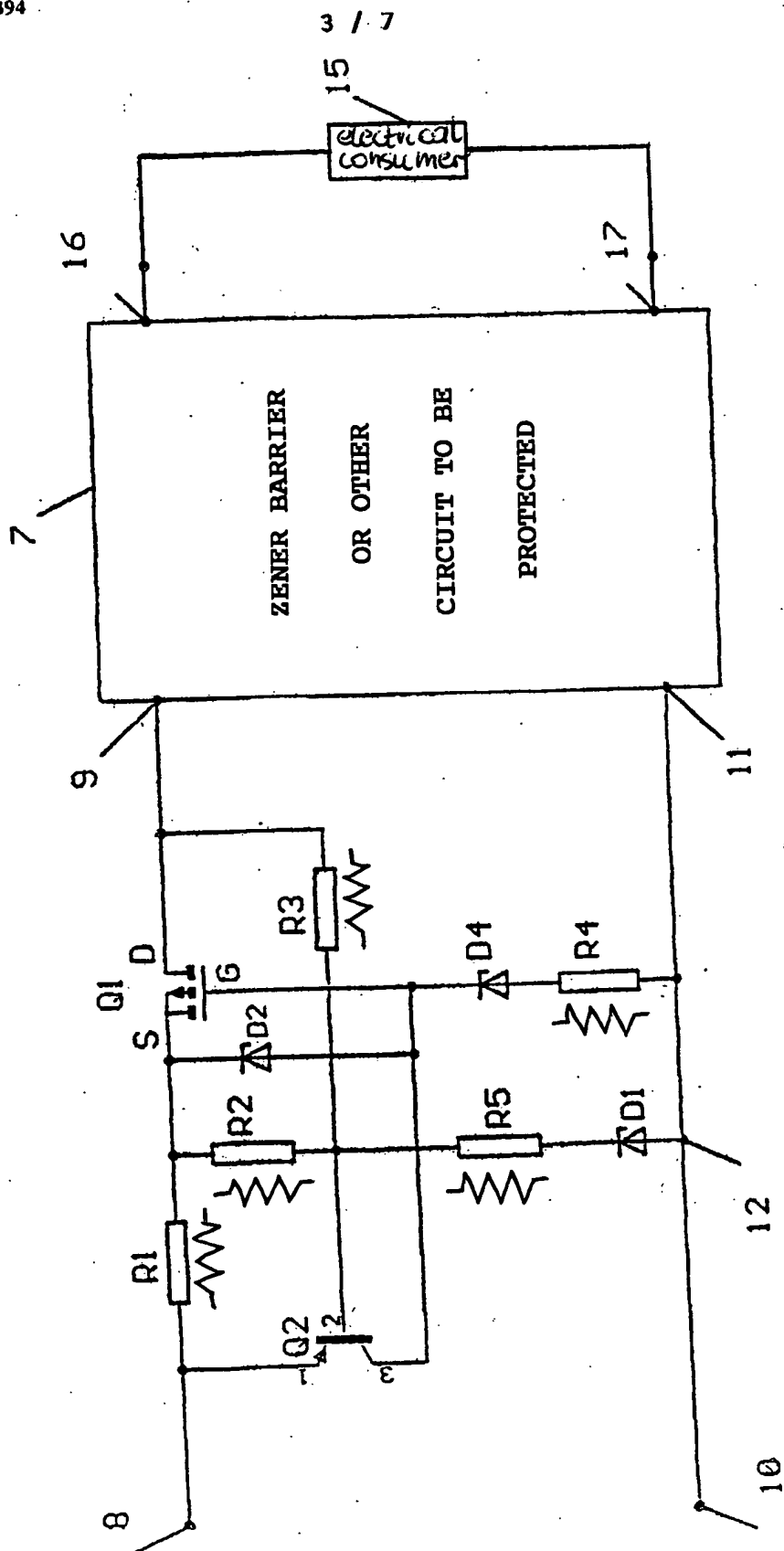


Fig. 3





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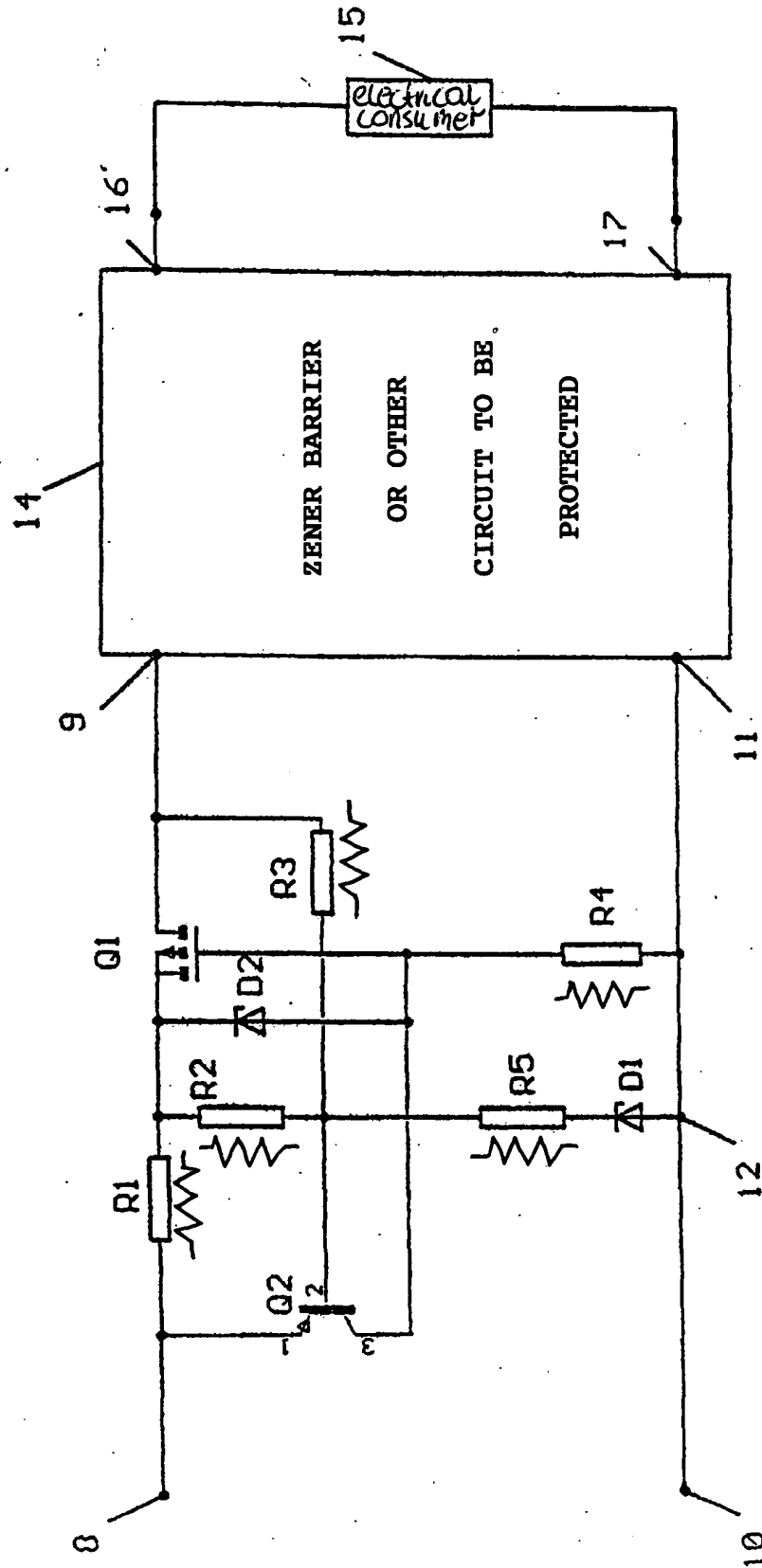


Fig. 5



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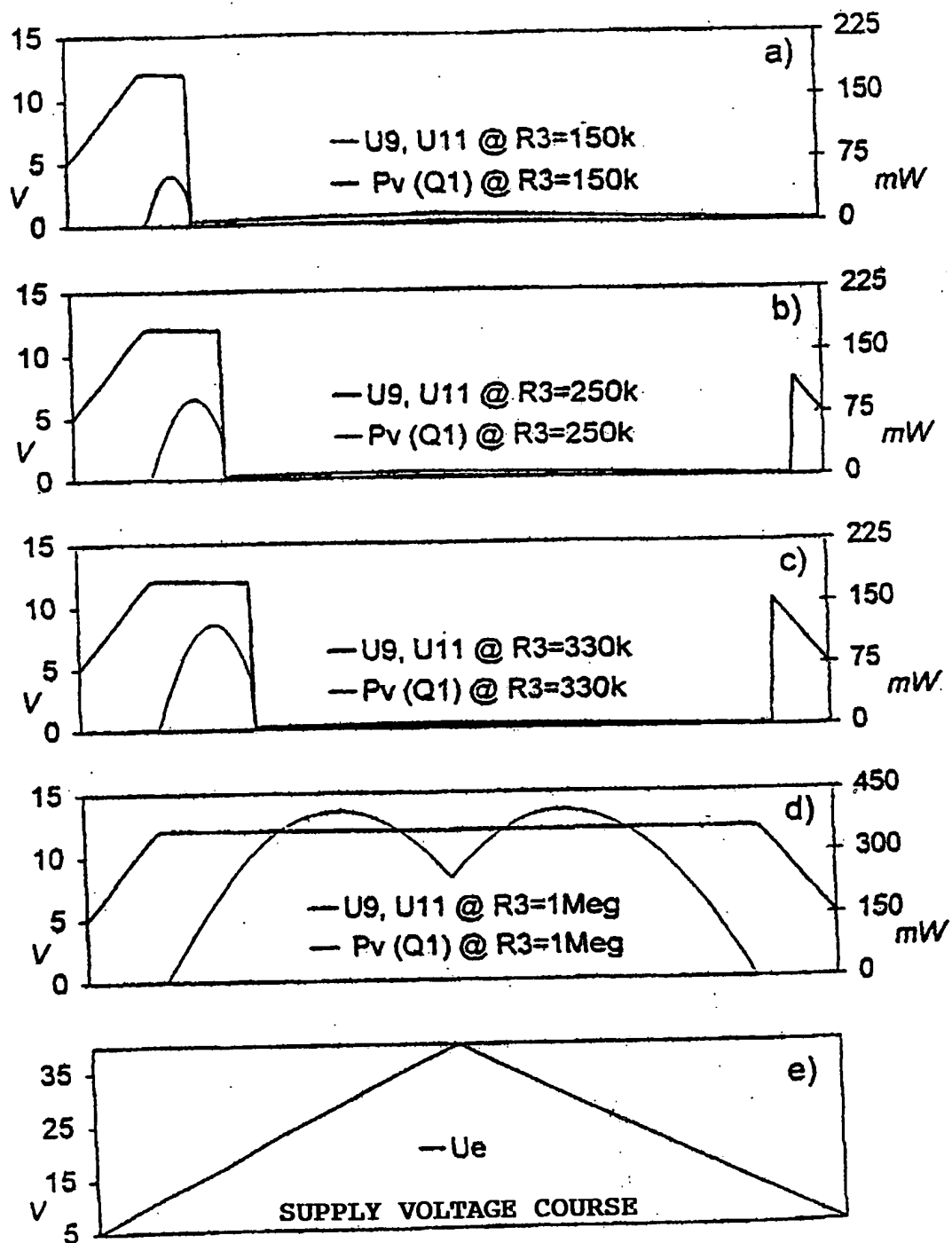


Fig. 6



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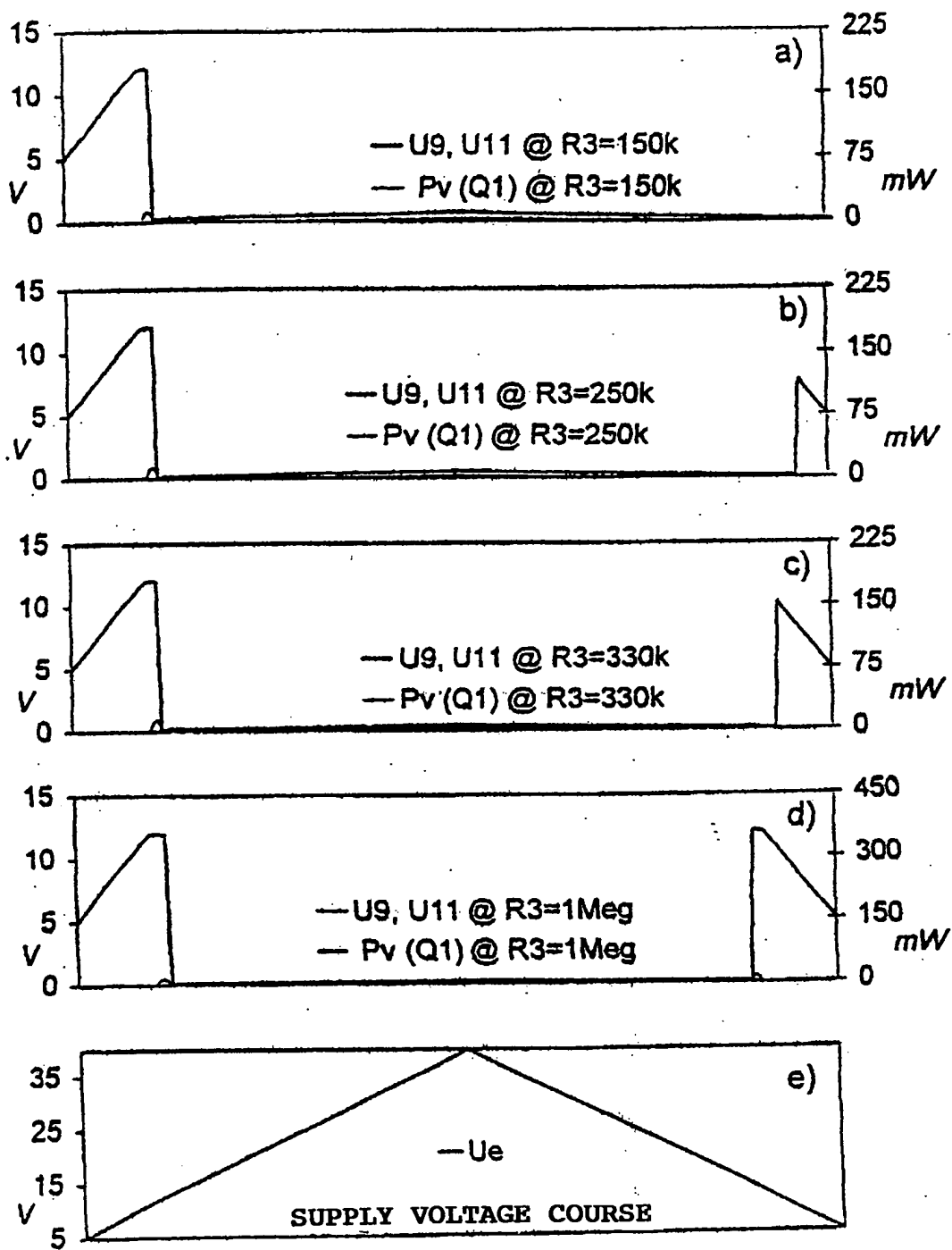


Fig. 7

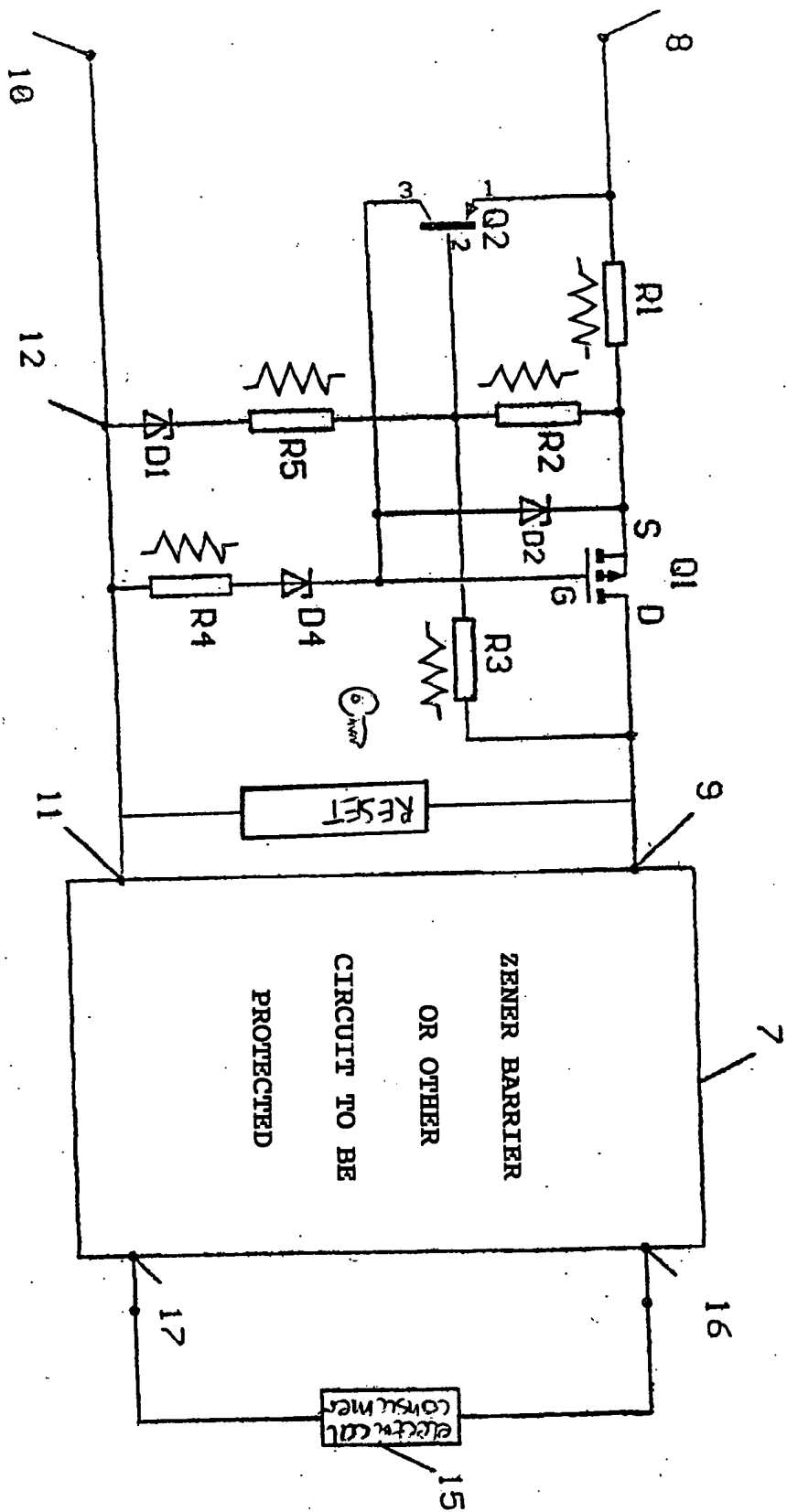


Fig. 8



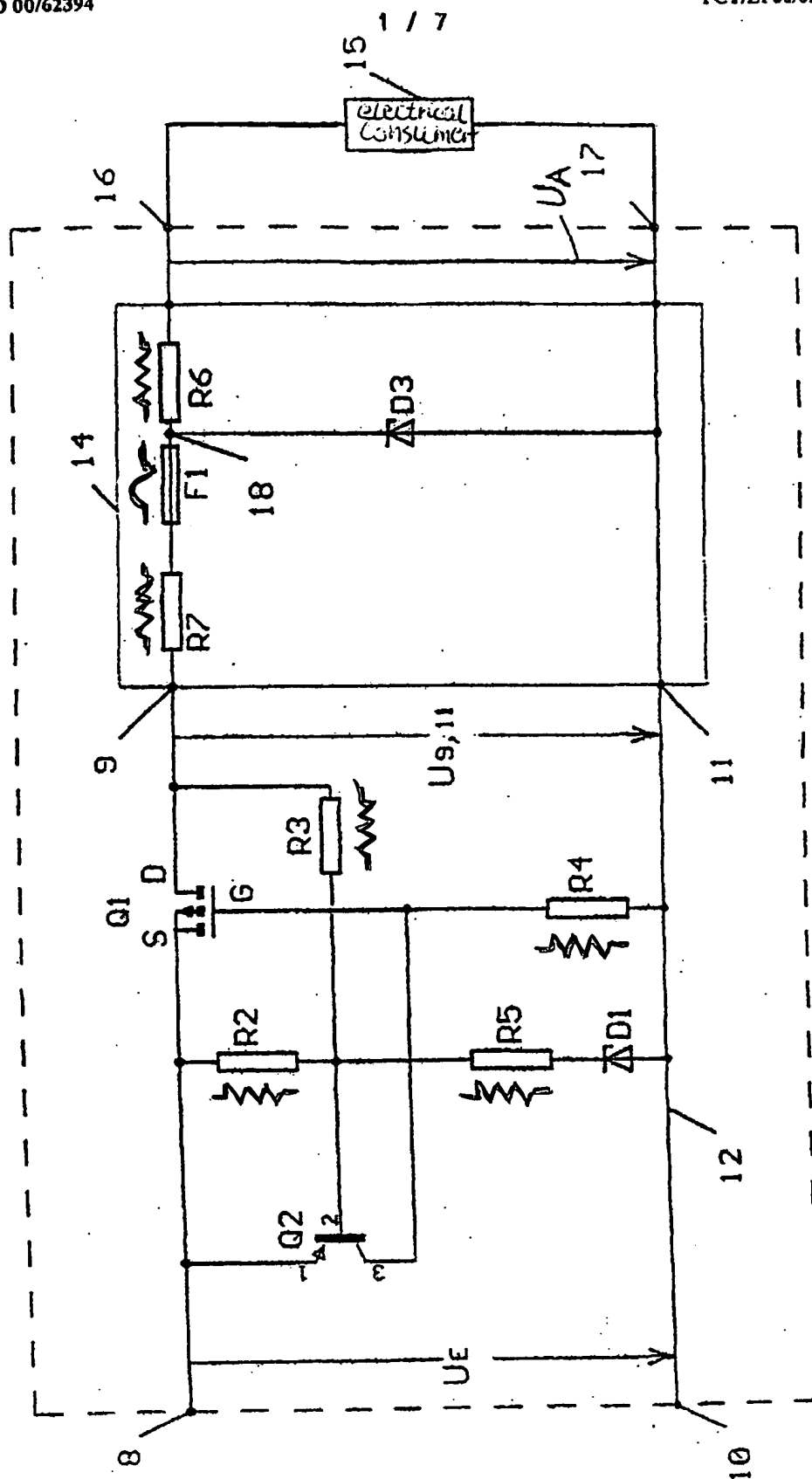


Fig.1

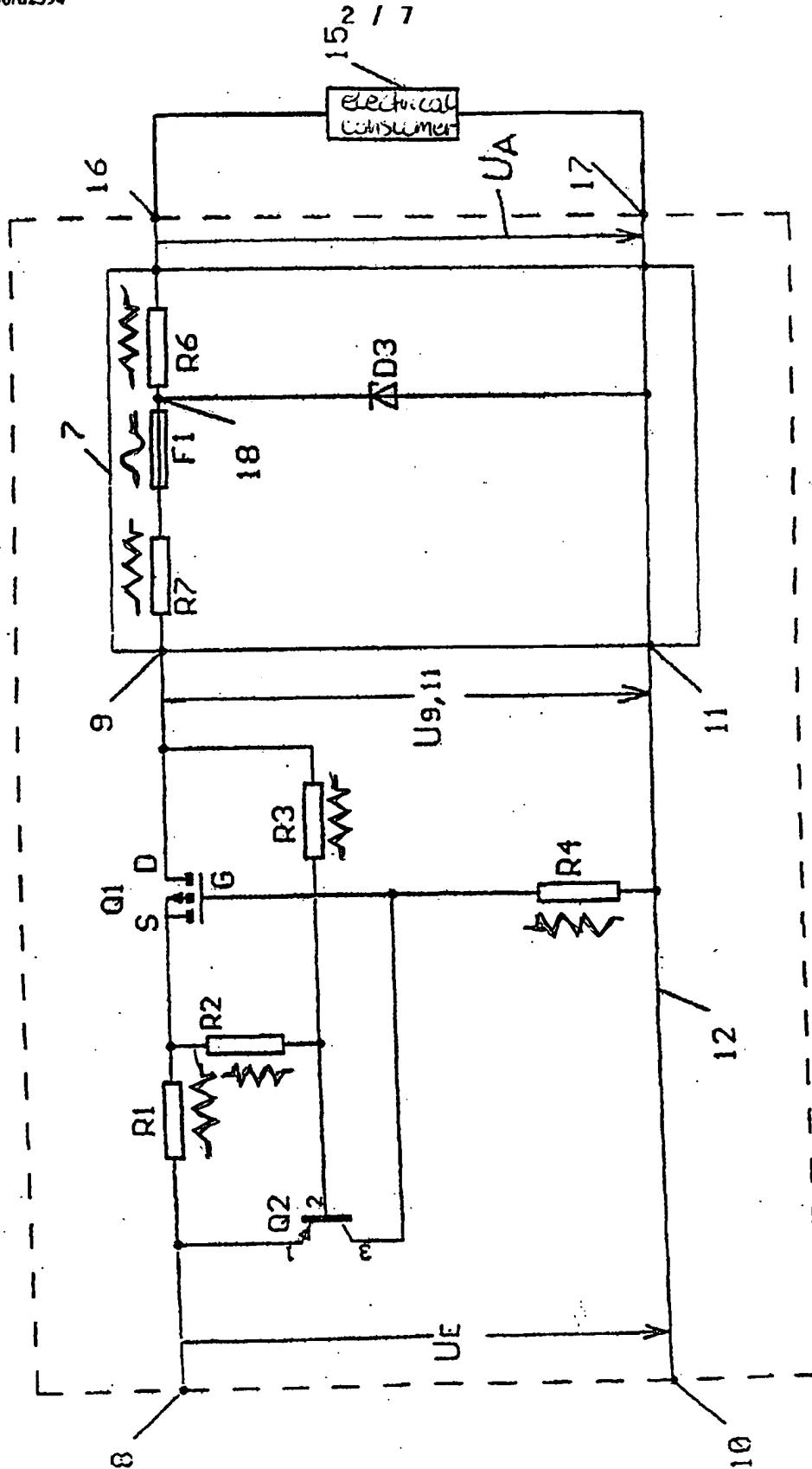


Fig. 2



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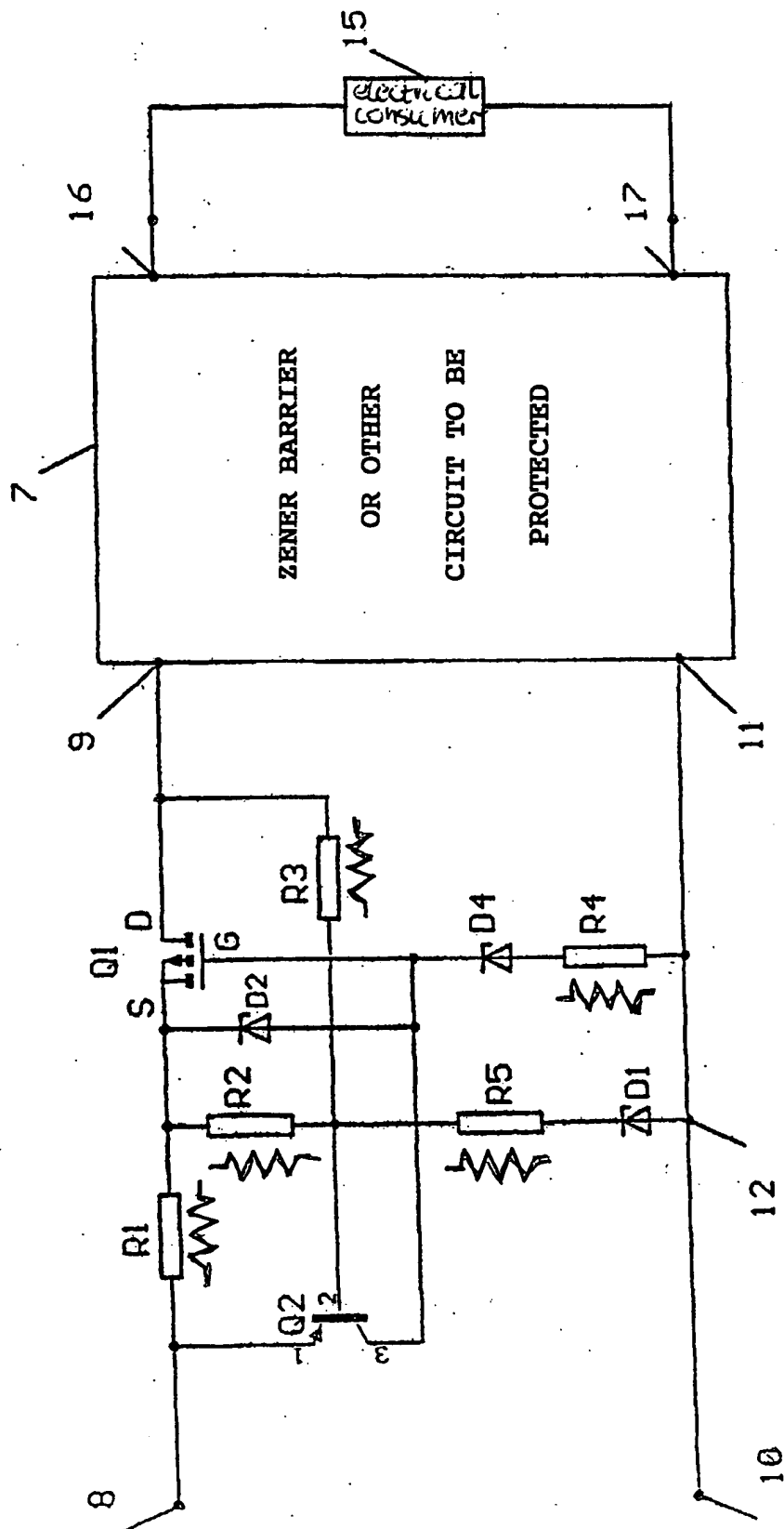


Fig. 3

The diagram shows a circuit with an input line 8 and a ground line 10. A series resistor R1 is connected between line 8 and a node. From this node, a branch goes to a Zener diode Q1 (cathode to node, anode to ground 10). Another branch goes through resistor R2 to a second node. This second node is connected to a Zener diode Q2 (cathode to node, anode to ground 10) and also to a Zener diode D2 (cathode to node, anode to ground 10). A third branch goes through resistor R3 to a third node. This third node is connected to a Zener diode D1 (cathode to node, anode to ground 10) and also to a Zener diode D2 (cathode to node, anode to ground 10). A fourth branch goes through resistor R4 to a fourth node. This fourth node is connected to a Zener diode D1 (cathode to node, anode to ground 10) and also to a Zener diode D2 (cathode to node, anode to ground 10). A fifth branch goes through resistor R5 to a fifth node. This fifth node is connected to a Zener diode D1 (cathode to node, anode to ground 10) and also to a Zener diode D2 (cathode to node, anode to ground 10). A sixth branch goes through resistor R6 to a sixth node. This sixth node is connected to a Zener diode D1 (cathode to node, anode to ground 10) and also to a Zener diode D2 (cathode to node, anode to ground 10). The output line 12 is connected to the sixth node. An electrical consumer 15 is connected between line 12 and ground 10. A switch 17 is connected between line 12 and ground 10. A label 13 points to the entire circuit area.



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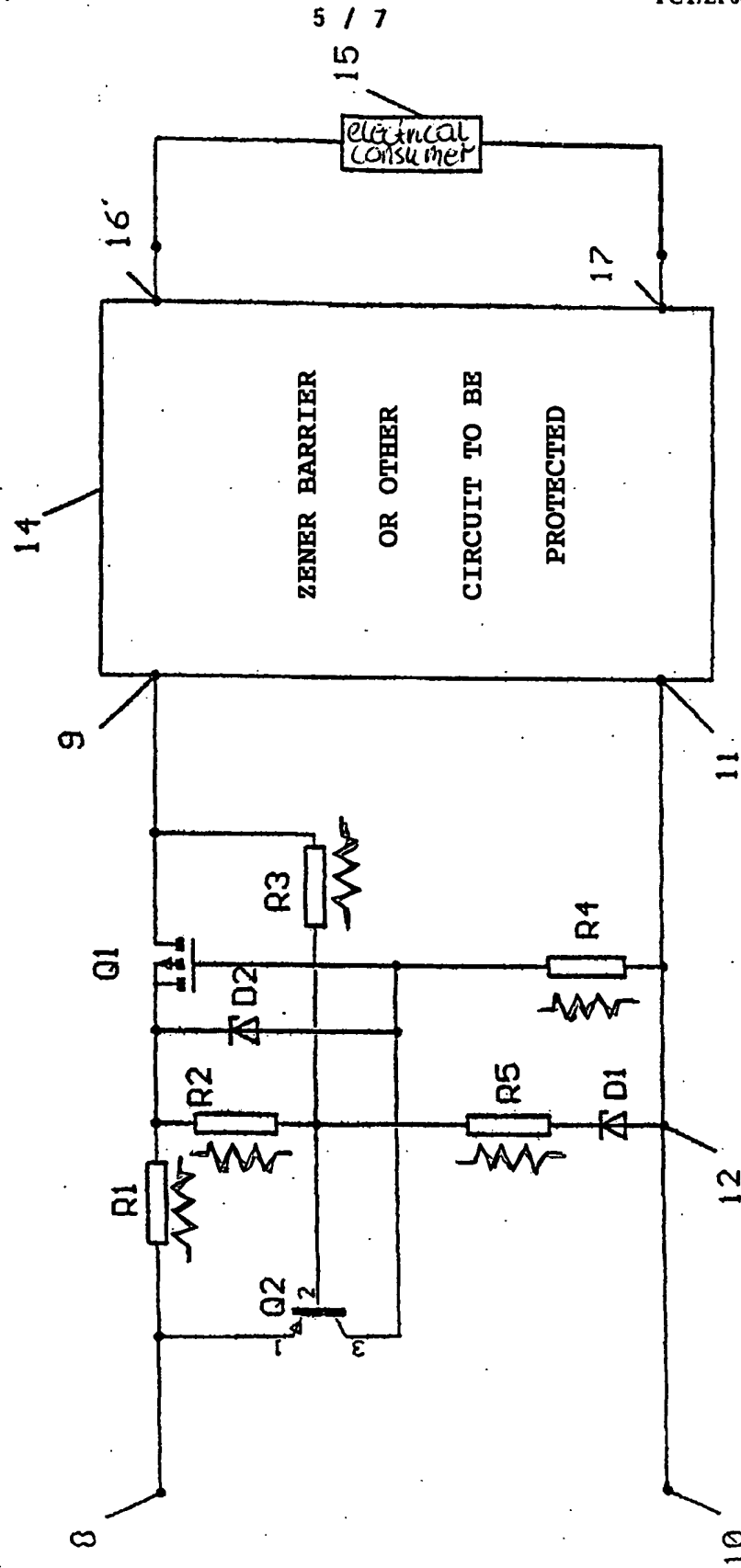


Fig.5



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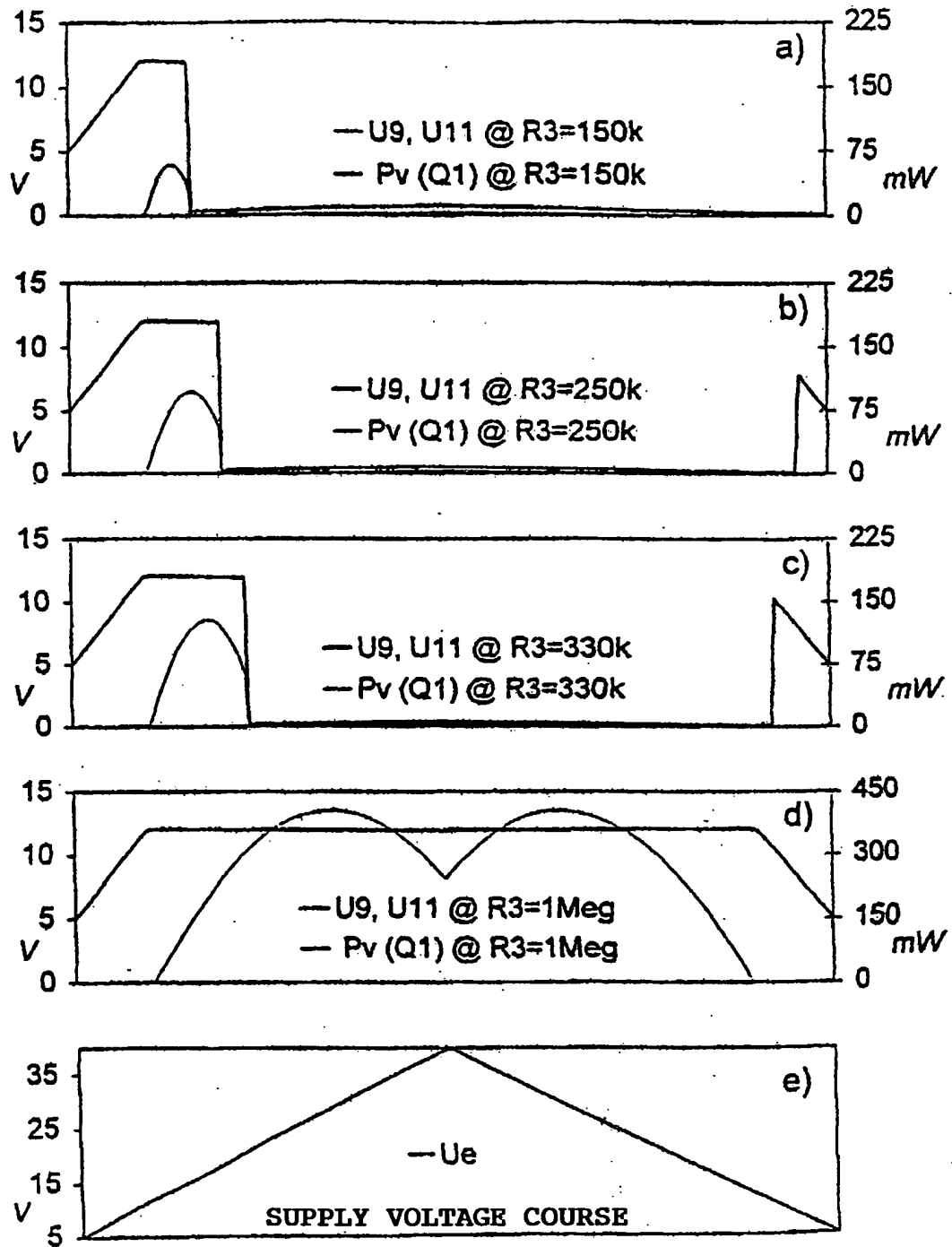


Fig. 6



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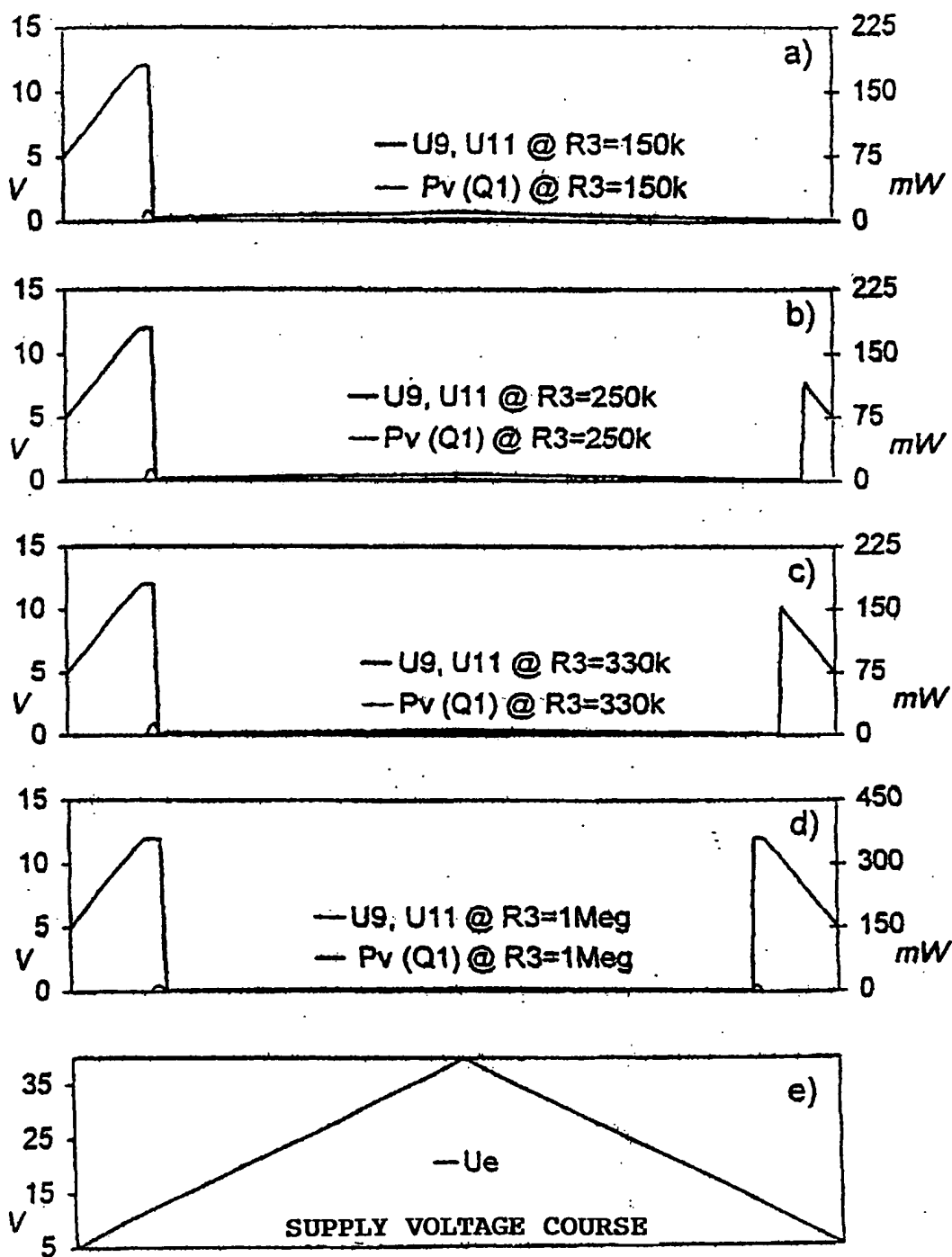
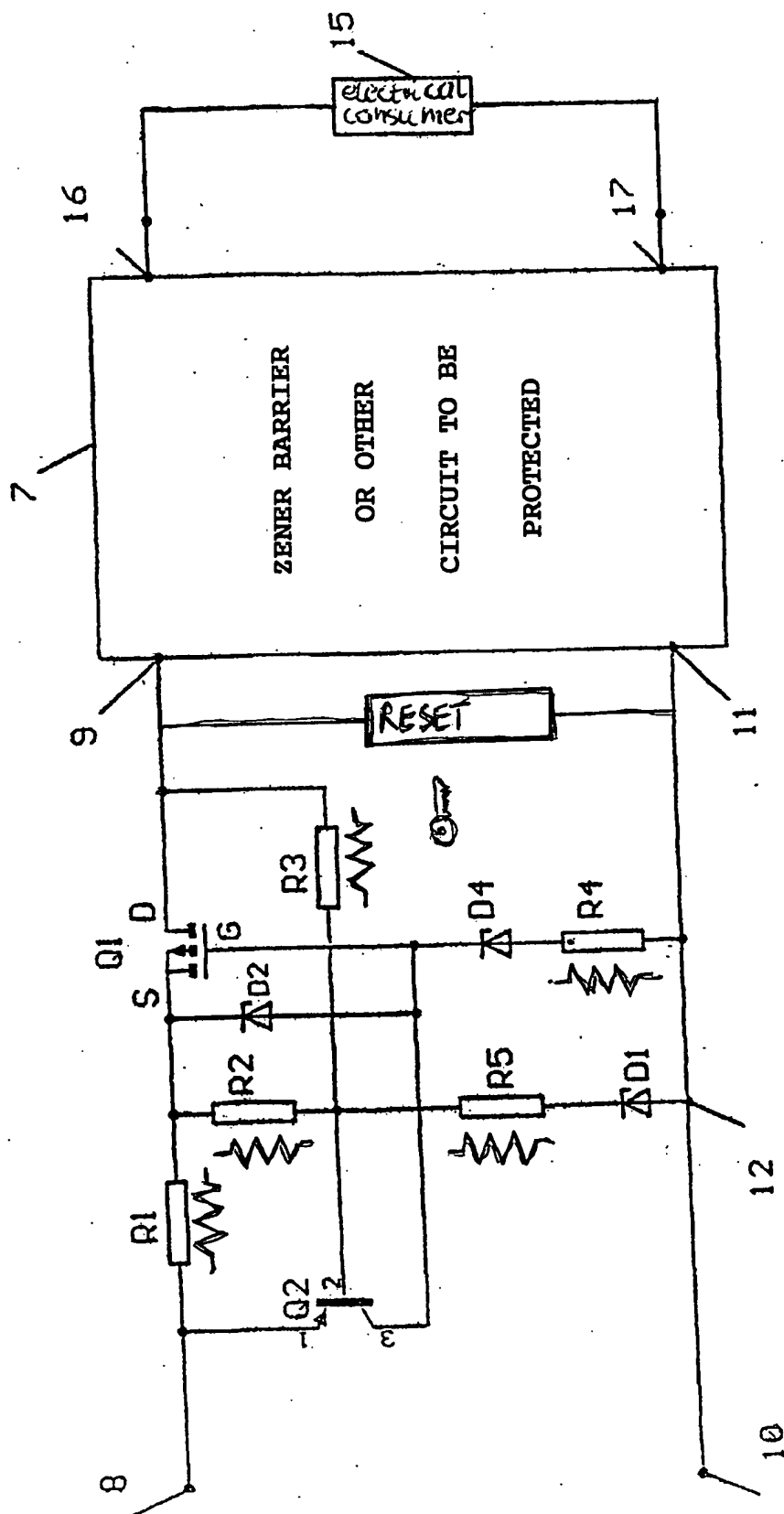


Fig. 7



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1  
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